

TENNESSEE BUREAU OF INVESTIGATION

Forensic Services Division

Forensic Chemistry Standard Operating Procedure Manual

Appendix H - Balances and Weights Catalog and Maintenance Log

APPENDIX H: TBI FCU BALANCES AND VERIFICATION WEIGHTS

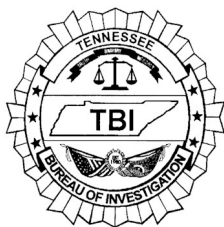
H1: Nashville Inventory

H1.1 Balances

FCU ID	Manufacturer and Model	Serial Numbers
NCL-FC-013	Ohaus DS20L - Pound	36670
NCL-FC-015	Mettler Toledo LYNX - Pound	5130061-5CB
NCL-FC-027	Mettler-Toledo XS225DU - Analytical	B903095311
NCL-FC-034	Denver S-4002 – Reagent Balance	19650285
NCL-FC-037	Mettler Toledo XSR4002S -Balance	C307687561
NCL-FC-038	Mettler Toledo XSR4002S -Balance	C307687565
NCL-FC-039	Mettler Toledo XSR4002S -Balance	C251428947
NCL-FC-040	Mettler Toledo XSR4002S -Balance	C303581253
NCL-FC-041	Mettler Toledo XSR4002S -Balance	C251428948
NCL-FC-042	Mettler Toledo XSR4002S -Balance	C303588820
NCL-FC-043	Mettler Toledo XSR4002S -Balance	C302560152
NCL-FC-044	Mettler Toledo XSR4002S -Balance	C303588823
NCL-FC-045	Mettler Toledo XSR4002S -Balance	C338831910
NCL-FC-046	Mettler Toledo XSR4002S -Balance	C338831913
NCL-FC-047	Mettler Toledo XSR4002S -Balance	C338831914
NCL-FC-048	Mettler Toledo XSR4002S -Balance	C338831915
NCL-FC-049	Mettler Toledo XSR4002S -Balance	C338831920
NCL-FC-050	Mettler Toledo XSR4002S -Balance	C338831922
NCL-FC-051	Mettler Toledo XSR4002S -Balance	C338831923
NCL-FC-052	Mettler Toledo XSR4002S -Balance	C338831930
NCL-FC-053	Mettler Toledo XSR4002S -Balance	C338831934
NCL-FC-054	Mettler Toledo XSR4002S -Balance	C338831935

H1.2 Verification Weights

Weight Type	Serial Numbers (Set 1)	Serial Numbers (Set 2)
5000g	99-10081-1	AJ3S
2000g	07-586467	AJ3T
1000g	05-228909	AJ3U
200g	99-10081	AJ3V
10mg to 50g set	99-J10081	AJ3W



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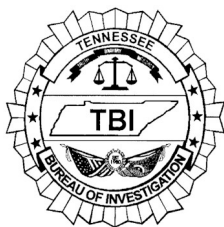
H2: Knoxville Inventory

H2.1 Balances

FCU ID	Manufacturer and Model	Serial Numbers
KCL-FC-031	Ohaus D-10 - Pound	25728
KCL-FC-014	Mettler-Toledo XS225DU - Analytical	B851950995
KCL-FC-034	Mettler Toledo XSR4002S -Balance	C251428927
KCL-FC-035	Mettler Toledo XSR4002S -Balance	C251428944
KCL-FC-036	Mettler Toledo XSR4002S -Balance	C251428945
KCL-FC-037	Mettler Toledo XSR4002S -Balance	C251428946
KCL-FC-038	Mettler Toledo XSR4002S -Balance	C303588819
KCL-FC-039	Mettler Toledo XSR4002S -Balance	C303588821
KCL-FC-040	Mettler Toledo XSR4002S -Balance	C303588822
KCL-FC-041	Mettler Toledo XSR4002S -Balance	C307687564
KCL-FC-042	Mettler Toledo XSR4002S -Balance	C338831909
KCL-FC-043	Mettler Toledo XSR4002S -Balance	C338831911
KCL-FC-044	Mettler Toledo XSR4002S -Balance	C338831912
KCL-FC-045	Mettler Toledo XSR4002S -Balance	C338831921
KCL-FC-046	Mettler Toledo XSR4002S -Balance	C338831924
KCL-FC-047	Mettler Toledo XSR4002S -Balance	C338831929
KCL-FC-048	Mettler Toledo XSR4002S -Balance	C338831931
KCL-FC-049	Mettler Toledo XSR4002S -Balance	C338831932
KCL-FC-050	Mettler Toledo XSR4002S -Balance	C338831933

H2.2 Verification Weights

Weight Type	Serial Numbers (Set 1)	Serial Numbers (Set 2)
5000g	07-81416-3	03-21052-1
2000g	07-81416-4	05-J12747-5
1000g	07-81416-2	04-25103
10mg to 100g set	07-81416	03-21502



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H3: Jackson Inventory

H3.1 Balances

FCU ID	Manufacturer and Model	Serial Numbers
JCL-FC-009	Ohaus ES100L - Pound	06412566EF
JCL-FC-010	Ohaus ES50L - Pound	0606013JGQ
JCL-FC-011	Mettler-Toledo XS225DU - Analytical	B844670961
JCL-FC-014	Mettler Toledo XSR4002S -Balance	C303581255
JCL-FC-015	Mettler Toledo XSR4002S -Balance	C308725738
JCL-FC-016	Mettler Toledo XSR4002S -Balance	C307687563
JCL-FC-017	Mettler Toledo XSR4002S -Balance	C338831919
JCL-FC-018	Mettler Toledo XSR4002S -Balance	C338831925

H3.2 Verification Weights

Weight Type	Serial Numbers (Set 1)	Serial Numbers (Set 2)
5000g	B413443815	B312065198
2000g	1000088404	05-J12335-14
1000g	1000088403	01-38374
10mg to 50g set	N/A	05-J63871-1
10mg to 100g set	40016022	N/A

H4: Maintenance Schedule

All balances in use shall have weekly performance verifications in accordance with the Balances and Uncertainty chapter. Certified NIST-traceable weights that satisfy the criteria for a CRM will be used to conduct these verifications.

Weights are sent to a reputable vendor for yearly calibration on a rotating schedule. Balances are calibrated yearly on-site by a reputable vendor.

Balances marked with an (*) are not used in casework but are used to prepare non-critical reagents. These balances are subjected to the same verifications as all other balances in the FCU.